

➔ 

Approved for use through 10/31/93. OMB 0651-0001

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
collection of information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number	09/676,885
Filing Date	September 29, 2000
First Named Inventor	Mitchell D. Trott
Group Art Unit	2821
Examiner Name	Unassigned
Attorney Docket Number	15685P026

Sheet	1	of	2
-------	---	----	---

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**



PTO/SB/SEA (10-90)

Approved for use through 10/31/99. OMB 0851-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

OTHER ART (Including Title, Author, Date, Pertinent Pages, etc.)

RECEIVED
MAR - 1 2001
TC 2800 MAIL ROOM

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

→ +


Approved for use through 10/31/2002. 0148 0651-0031
Patents and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Stamp: OIPE
MAR 05 2002
PATENT & TRADEMARK OFFICE

RECEIVED
MAR 26 2002
Technology Center 2600

[illegible]

Examiner Signature		Date Considered	10/24/2002
-----------------------	---	--------------------	------------

*Unique citation designation number. *See attached Kinds of U.S. Patent Documents. *Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). *For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box

→ 

PTO/SB/088 (08-00)



Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete If Known	
				Application Number	09/676,885
				Filing Date	September 29, 2000
				First Named Inventor	Mitchell D. Trott
				Group Art Unit	2821
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	5685P026
Sheet	2	of	2		

[illegible]

Examiner Signature		Date Considered	
-----------------------	---	--------------------	---

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

***Unique citation designation number. *Applicant is to place a check mark here if English language Translation is attached.**

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet

1

of

1

Complete If Known

Application Number

09/676.885

Filing Date

September 29, 2000

First Named Inventor

Mitchell D. Trott

Art Unit

2682

Examiner Name

Tuan A. Tran

Attorney Docket Number

15685P026

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.*	Document Number Number - Kind Code* (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>[Handwritten initials]</i>	1	US-6,470,195 B1	10-22-2002	Meyer	
	2	US-6,615,024 B1	11-02-2003	Boros et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	11/29/88
-----------------------	---	--------------------	----------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

*Applicant's unique citation designation number (optional). *See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP §01.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST. 14 if possible. *Applicant is to place a check mark here if English language Translation is attached.

Based on FTO/SEA (08-03) as modified by Blakely, Solotoff, Taylor & Zakman (vtr) 08/11/2003.

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

101

i

Complete If Known

Application Number

09/676.885

Filing Date

September 29, 2000

First Named Inventor

Mitchell D. Trott

Art Unit

2821

Examiner Name

Not Yet Assigned

Attorney Docket Number

15685P026

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Child Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
12	1	US-5574977	11-12-1996	Joseph et al.	
	2	US-5619503	04-08-1997	Dent	
	3	US-5625880	04-29-1997	Goldburg et al.	
	4	US-5642353	06-24-1997	Roy III et al.	
	5	US-5684794	11-04-1997	Lopez et al.	
	6	US-5708971	01-13-1998	Dent	
	7	US-5870393	02-09-1999	Yano et al.	
	8	US-5884178	03-16-1999	Ericsson et al.	
	9	US-6037898	03-14-2000	Parish et al.	
	10	US-6122260	09-19-2000	Liu et al.	
	11	US-6141567	10-31-2000	Youssefmir et al.	
	12	US-6219561	04-17-2001	Ralieg	
	13	US-6292664	09-18-2001	Ostrup et al.	
	14	US-6337985	01-08-2002	Roux et al.	
	US-				
	US-				
	US-				
	US-				
	US-				
	US-				

JUN - 4 2003
TC 280D MAIL ROOM
RECEIVED

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date _____

Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

*Applicant's unique citation designation number (optional). *See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 001.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/US/08A (05-03) as modified by Blakely, Schlotzoff, Taylor & Zahnen (w/ 05/02/2003).

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22312-1450



(use as many sheets as necessary)

Sheet	1	of	2
-------	---	----	---

Complete if Known

Application Number	09/676,885
Filing Date	September 29, 2000
First Named Inventor	Mitchell D. Trott
Art Unit	2821
Examiner Name	Not Yet Assigned
Attorney Docket Number	15685P026

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.*	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
12		US-5615409	03-25-1997	Forssen et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

TECHNOLOGY CENTER 2800
FEB 25 2003

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	---	--------------------	---

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

*Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MP/SP 801.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/088 (10-01)
Approved for use through 10/31/2002. OMB 0651-0001
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	09/676,885
				Filing Date	September 29, 2000
				First Named Inventor	Mitchell D. Trott
				Art Unit	2821
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	1568SP026

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*
R	2	European Examination Report dated 10/18/02	

Examiner Signature	<i>[Signature]</i>	Date Considered	<i>[Signature]</i>
--------------------	--------------------	-----------------	--------------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

†Applicant's unique citation designation number. *Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED
FEB 25 2003
TECHNOLOGY CENTER 2800



FTO/58/08A (08-00)
Approved for release through 10/31/2002. OMB 0651-0001
Trademark U.S. DEPARTMENT OF COMMERCE
Information use displays a valid OMB control number.

• Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Complete If Known

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---


Application Number	09/676,885
Filing Date	September 29, 2000
First Named Inventor	Mitchell D. Trott
Group Art Unit	2821
Examiner Name	Not Yet Assigned
Attorney Docket Number	15685P026

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	1/2/00
-----------------------	---	--------------------	--------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

*Unique citation designation number. *See attached Kinds of U.S. Patent Documents. *Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). *For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Complete If Known

Application Number	09/676,885
Filing Date	September 29, 2000
First Named Inventor	Mitchell D. Trott
Group Art Unit	2821
Examiner Name	Unassigned
Attorney Docket Number	15685P026

Sheet	1	of	1
-------	---	----	---

U.S. PATENT DOCUMENTS

[illegible]



RECEIVED
JAN 22 2002

Technology Center 2600

RECEIVED
FALL 1964

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	---	--------------------	--

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+

PTO/SB/08A (06-00)
Approved for Release through 10/31/2002. OMB 0851-0031
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE
collection of information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

101

2

Complete If Known

Application Number	09/676,885
Filing Date	September 29, 2000
First Named Inventor	Mitchell D. Trott
Group Art Unit	2821
Examiner Name	Not Yet Assigned
Attorney Docket Number	15685P026

U.S. PATENT DOCUMENTS

[illegible]

RECEIVED
MAR 15 2002
Technology Center 2600

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	4/29/00
-----------------------	---	--------------------	---------

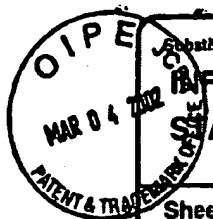
*Examiner: Initial I reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

*Unique citation designation number. *See attached Kinds of U.S. Patent Documents. *Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). *For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

101

2

Complete If Known

Application Number

09/676.885

Filing Date

September 29, 2000

First Named Inventor

Mitchell D. Trott

Group Art Unit

282J

Examiner Name

Not Yet Assigned

Attorney Docket Number

15685P026

U.S. PATENT DOCUMENTS

[illegible]

RECEIVED
MAR 15 2002
Technology Center 2600

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	4/29/00
-----------------------	---	--------------------	---------

*Unique citation designation number. *See attached Kinds of U.S. Patent Documents. *Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). *For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**